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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 2

Complete if Known

Application Number	09/724,784
Filing Date	11/28/00
First Named Inventor	Marc A. Unger
Group Art Unit	1772
Examiner Name	Unassigned
Attorney Docket Number	20174003000

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ¹ (if known)			
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Examiner Initials*	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T*
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	20	WO	99/17093	A1		04-08-1999		
	21	WO	98/07069	A1		02-19-1998		
	22	EP	999 055	A2		10-05-2000		
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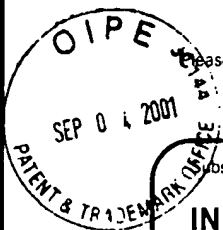
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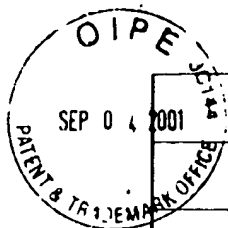
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Attorney Docket Number	20174003000

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

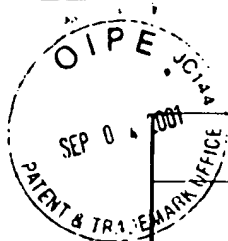
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Examiner Signature		Date Considered	
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Sheet 1 of 2

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Application Number	09/724,784
Filing Date	11/28/00
First Named Inventor	Unger
Group Art Unit	1772
Examiner Name	Unassigned
Attorney Docket Number	20174C-003000US

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
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FOREIGN PATENT DOCUMENTS

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 2 of 2

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Application Number	09/724,784
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Group Art Unit	1772
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OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

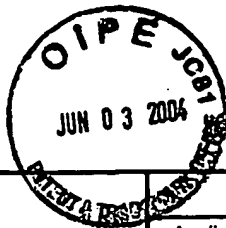
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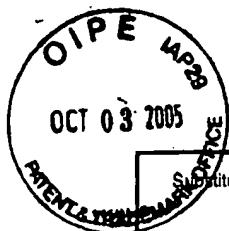
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		Art Unit	1732 1772
		Examiner Name	Allan W. Olsen <i>loney</i>
Sheet 1 of 1	Attorney Docket Number	20174C-003000US	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
<i>u</i>	1	ANDERSSON et al., Consecutive Microcontact Printing - Ligands for Asymmetric Catalysis in Silicon Channel, Sensors and Actuators, B, 3997, 2001, pp 1-7.	
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Examiner Signature	<i>D. Loney</i>	Date Considered	5/11/06
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Examiner Initials*	Cite No. ¹	Number Kind Code ² (if known)			
✓	A1	US-4,992,312	02-12-1991	Frisch	
✓	A2	US-5,788,468	08-04-1998	Dewa et al.	
✓	A3	US-6,345,502 B1	02-12-2002	Tai et al.	
✓	A4	US-6,409,832 B2	06-25-2002	Weigl et al.	
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✓	B1	WO	99/00655	A2	01-07-1999	Immunetics		<input type="checkbox"/>
✓	B2	WO	99/04361	A1	01-28-1999	Diversified Scientific, Inc.		<input type="checkbox"/>
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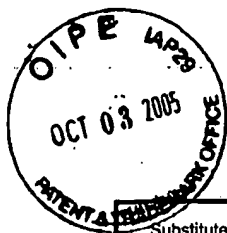
Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete If Known			
		Application Number	09/724,784		
		Filing Date	November 28, 2000		
		First Named Inventor	Marc A. Unger		
		Art Unit	1772		
		Examiner Name	Donald J. Loney		
Sheet	2	of	4	Attorney Docket Number	20174C-003000US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
DC	C1	"Biochips," Nature Biotechnology, Vol. 18, Supplement 2000, pp. IT43-IT44, 2000	
	C2	"Chapter 9: Microfluidic Devices," Micromachined Transducers Sourcebook, pp. 779-882, 1998	
	C3	"Electro Microfluidic Dual In-Line Package (EMDIP)," Sandia National Laboratories, 2 pages, no date	
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Examiner Signature	<i>D. Loney</i>	Date Considered	5/11/06
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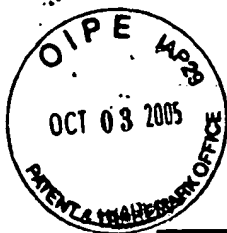
Substitute for form 1449B/PTO		Complete if Known			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/724,784		
		Filing Date	November 28, 2000		
		First Named Inventor	Marc A. Unger		
		Art Unit	1772		
		Examiner Name	Donald J. Loney		
Sheet	3	of	4	Attorney Docket Number	20174C-003000US

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	C18	JO, BYUNG-HO et al., "Fabrication Of Three-Dimensional Microfluidic Systems By Stacking Molded Polydimethylsiloxane (PDMS) Layers" SPIE, Vol. 3877, pp. 222-229, 9/1999	
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	C25	KUMAR, AMIT et al., "Features Of Gold Having Micrometer To Centimeter Dimensions Can Be Formed Through A Combination Of Stamping With An Elastomeric Stamp And An Alkanethiol 'Ink' Followed By Chemical Etching," Appl. Phys. Lett., Vol. 63, No. 14, pp. 2002-2004, 10/4/1993	
	C26	KUMAR, AMIT et al., "Patterning Self-Assembled Monolayers: Applications In Materials Science," Langmuir, Vol. 10, pp. 1498-1511, 1994	
	C27	LAGALLY, ERIC T. et al., "Monolithic Integrated Microfluidic DNA Amplification And Capillary Electrophoresis Analysis System," Sensors and Actuators B, Vol. 63, pp. 138-146, 2000	
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	C29	LI, PAUL C. H. et al., "Transport, Manipulation, And Reaction Of Biological Cells On-Chip Using Electrokinetic Effects," Analytical Chemistry, Vol. 69, No. 8, pp. 1564-1568, 4/15/1997	
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		Filing Date	November 28, 2000		
		First Named Inventor	Marc A. Unger		
		Art Unit	1772		
		Examiner Name	Donald J. Loney		
Sheet	4	of	4	Attorney Docket Number	20174C-003000US

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	C34	MCDONALD, J. COOPER et al., "Fabrication Of Microfluidic Systems In Poly(dimethylsiloxane)," Electrophoresis, Vol. 21, pp. 27-40, 2000	
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Examiner Signature	<i>D. Loney</i>	Date Considered	5/11/06
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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1 of 2

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Application Number	09/724,784
Filing Date	November 28, 2000
First Named Inventor	Marc A. Unger
Art Unit	1772
Examiner Name	Donald J. Loney
Attorney Docket Number	20174C-003000US

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ² (if known)			
DL	A6	US-2001-0033796 A1	10-25-2001	Unger et al.	
	A7	US-2001-0054778 A1	12-27-2001	Unger et al.	
	A8	US-2002-0029814 A1	03-14-2002	Unger et al.	
	A9	US-2002-0037499 A1	03-28-2002	Quake et al.	
	A10	US-2002-0144738 A1	10-10-2002	Unger et al.	
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	A14	US-6,899,137 B2	05-31-2005	Unger et al.	
	A15	US-2005-0166980 A1	08-04-2005	Unger et al.	
	A16	US-6,929,030 B2	08-16-2005	Unger et al.	
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FOREIGN PATENT DOCUMENTS

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✓	C44	CALKINS, KATHRYN, "Mycometrix: Rubber Chips," BioCentury, 2 pages, October 16, 2000	

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